

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/035,637A
Source: 1FW16
Date Processed by STIC: 11/29/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/035,637A

CRF Edit Date: 11/29/06
Edited by: AC

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

✓ Deleted: ✓ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFW16

RAW SEQUENCE LISTING

DATE: 11/29/2006

PATENT APPLICATION: US/10/035,637A

TIME: 17:16:43

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11292006\J035637A.raw

```

3 <110> APPLICANT: Deo, Yashwant M.
4      Keler, Tibor
5      Trembl, John
6      Endres, Michael
8 <120> TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO DENDRITIC
9      CELLS
11 <130> FILE REFERENCE: MXI-166CPRCE
13 <140> CURRENT APPLICATION NUMBER: 10/035,637A
14 <141> CURRENT FILING DATE: 2001-11-07
16 <150> PRIOR APPLICATION NUMBER: 09/851,614
17 <151> PRIOR FILING DATE: 2001-03-08
19 <150> PRIOR APPLICATION NUMBER: USSN 60/203,126
20 <151> PRIOR FILING DATE: 2000-05-08
22 <150> PRIOR APPLICATION NUMBER: USSN 60/230,739
23 <151> PRIOR FILING DATE: 2000-09-07
25 <160> NUMBER OF SEQ ID NOS: 9
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 321
31 <212> TYPE: DNA
32 <213> ORGANISM: Homo sapiens
34 <220> FEATURE:
35 <221> NAME/KEY: CDS
36 <222> LOCATION: (1)...(321)
38 <400> SEQUENCE: 1
39 gac atc cag atg acc cag tct cca tcc tca ctg tct gca tct gta gga      48
40 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
41 1          5          10          15
43 gac aga gtc acc atc act tgt cgg gcg agt cag ggt att agc agg tgg      96
44 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Arg Trp
45          20          25          30
47 tta gcc tgg tat cag cag aaa cca gag aaa gcc cct aag tcc ctg atc      144
48 Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile
49          35          40          45
51 tat gct gca tcc agt ttg caa agt ggg gtc cca tca agg ttc agc ggc      192
52 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
53 50          55          60
55 agt gga tct ggg aca gat ttc act ctc acc atc agc ggc ctg cag cct      240
56 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Gly Leu Gln Pro
57 65          70          75          80
59 gaa gat ttt gca act tat tac tgc caa cag tat aat agt tac cct cgg      288
60 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ser Tyr Pro Arg
61          85          90          95

```

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63 acg ttc ggc caa ggg acc aag gtg gaa atc aaa          321
64 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
65          100          105
68 <210> SEQ ID NO: 2
69 <211> LENGTH: 107
70 <212> TYPE: PRT
71 <213> ORGANISM: Homo sapiens
73 <400> SEQUENCE: 2
74 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
75 1          5          10          15
76 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Arg Trp
77          20          25          30
78 Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile
79          35          40          45
80 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
81          50          55          60
82 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Gly Leu Gln Pro
83 65          70          75          80
84 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ser Tyr Pro Arg
85          85          90          95
86 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
87          100          105
90 <210> SEQ ID NO: 3
91 <211> LENGTH: 348
92 <212> TYPE: DNA
93 <213> ORGANISM: Homo sapiens
95 <220> FEATURE:
96 <221> NAME/KEY: CDS
97 <222> LOCATION: (1)...(348)
99 <400> SEQUENCE: 3
100 gag gtg cag ctg gtg cag tct gga gca gag gtg aaa aag ccc ggg gag      48
101 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
102 1          5          10          15
104 tct ctg agg atc tcc tgt aag ggt tct gga gac agt ttt acc acc tac      96
105 Ser Leu Arg Ile Ser Cys Lys Gly Ser Gly Asp Ser Phe Thr Thr Tyr
106          20          25          30
108 tgg atc ggc tgg gtg cgc cag atg ccc ggg aaa ggc ctg gag tgg atg      144
109 Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
110          35          40          45
112 ggg atc atc tat cct ggt gac tct gat acc ata tac agc ccg tcc ttc      192
113 Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Ile Tyr Ser Pro Ser Phe
114          50          55          60
116 caa ggc cag gtc acc atc tca gcc gac aag tcc atc agc acc gcc tac      240
117 Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
118 65          70          75          80
120 ctg cag tgg agc agc ctg aag gcc tcg gac acc gcc atg tat tac tgt      288
121 Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
122          85          90          95
124 acg aga ggg gac cgg ggc gtt gac tac tgg ggc cag gga acc ctg gtc      336

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11292006\J035637A.raw

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125 Thr Arg Gly Asp Arg Gly Val Asp Tyr Trp Gly Gln Gly Thr Leu Val
126          100          105          110
128 acc gtc tcc tca
129 Thr Val Ser Ser
130          115
133 <210> SEQ ID NO: 4
134 <211> LENGTH: 116
135 <212> TYPE: PRT
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 4
139 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
140 1          5          10          15
141 Ser Leu Arg Ile Ser Cys Lys Gly Ser Gly Asp Ser Phe Thr Thr Tyr
142          20          25          30
143 Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
144          35          40          45
145 Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Ile Tyr Ser Pro Ser Phe
146          50          55          60
147 Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
148 65          70          75          80
149 Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
150          85          90          95
151 Thr Arg Gly Asp Arg Gly Val Asp Tyr Trp Gly Gln Gly Thr Leu Val
152          100          105          110
153 Thr Val Ser Ser
154          115
157 <210> SEQ ID NO: 5
158 <211> LENGTH: 15
159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
162 <220> FEATURE:
163 <221> NAME/KEY: VARIANT
164 <222> LOCATION: (1)...(15)
165 <223> OTHER INFORMATION: Xaa = Any Amino Acid
167 <400> SEQUENCE: 5
W--> 168 Asp Asp Xaa Xaa Gln Phe Leu Ile Xaa Xaa Glu Asp Xaa Lys Arg
169 1          5          10          15
172 <210> SEQ ID NO: 6
173 <211> LENGTH: 15
174 <212> TYPE: PRT
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 6
178 Leu Asp Thr Arg Gln Phe Leu Ile Tyr Asn Glu Asp His Lys Arg
179 1          5          10          15
182 <210> SEQ ID NO: 7
183 <211> LENGTH: 20
184 <212> TYPE: PRT
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 7

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RAW SEQUENCE LISTING

DATE: 11/29/2006

PATENT APPLICATION: US/10/035,637A

TIME: 17:16:43

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11292006\J035637A.raw

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188 Leu Leu Asp Thr Arg Gln Phe Leu Ile Tyr Leu Glu Asp Thr Lys Arg
189 1 5 10 15
190 Cys Val Asp Ala
191 20
193 <210> SEQ ID NO: 8
194 <211> LENGTH: 23770
195 <212> TYPE: DNA
196 <213> ORGANISM: Homo sapiens
198 <220> FEATURE:
199 <221> NAME/KEY: CDS
200 <222> LOCATION: (16489)...(17094)
202 <400> SEQUENCE: 8
203 cgatgtacgg gccagatata cgcgttgaca ttgattattg actagttatt aatagtaatc 60
204 aattacgggg gctacatgcc cggctctatat gcgcaactgt aactaataac tgatcaataa 120
205 ttatcattag ttaatgcccc tcattagtgc atagcccata tatggagttc cgcgttacat 180
206 aacttacggg aaatggcccc cctggctgac agtaaatcaag tatcgggtat atacctcaag 240
207 gcgcaatgta ttgaatgccca tttaccgggc ggaccgactg cgcccaacga ccccgccca 300
208 ttgacgtcaa taatgacgta tgttcccata gtaacgccaa tagggacttt gcgggttgct 360
209 gggggcgggt aactgcagtt attactgcat acaagggtat cattgcggtt atccctgaaa 420
210 ccattgacgt caatgggtgg agtatttacg gtaaaactgcc cacttggcag tacatcaagt 480
211 gtatcatatg ggtaactgca gttaccacc tcataaatgc catttgacgg gtgaaccgtc 540
212 atgtagttca catagtatac ccaagtacgc cccctattga cgtcaatgac ggtaaattggc 600
213 ccgctggca ttatgcccag tacatgacct ggttcatgcg ggggataact gcagttactg 660
214 ccatttaccg ggcggaccgt aatacgggtc atgtactgga tatgggactt tcctacttgg 720
215 cagtacatct acgtattagt catcgctatt accatggtga tgcggttttg ataccctgaa 780
216 aggatgaacc gtcagttaga tgcataatca gtacgataa tggtagcact acgcaaaac 840
217 gcagtacatc aatgggcgtg gatagcgggt tgactcacgg ggatttccaa gtctccacc 900
218 cattgacgtc cgtcatgtag ttaccgcac ctatcgcaa actgagtgcc cctaaagggt 960
219 cagaggtggg gtaactgcag aatgggagtt tgttttgga ccaaaatcaa cgggactttc 1020
220 caaaatgtcg taacaactcc gcccattga ttaccctcaa acaaaaccgt ggttttagtt 1080
221 gccctgaaag gttttacagc attggtgagg cgggtaact cgaaatggg cggtaggcgt 1140
222 gtacggtggg aggtctatat aagcagagct ctctggctaa ctagagaacc gcgtttacc 1200
223 gccatccgca catgccacc tccagatata ttcgtctcga gagaccgatt gatctcttgg 1260
224 cactgcttac tggcttatcg aaattaatac gactcactat agggagaccc aagctgatcc 1320
225 actagtaacg gtgacgaatg accgaatagc tttaattatg ctgagtgata tccctctggg 1380
226 ttcgactagg tgatcattgc gccgccagtg tgctggaatt agcttgccgc caccatggga 1440
227 tggagctgta tcatcctgtt cctcgtggcc cggcggtcac acgaccttaa tcgaacggcg 1500
228 gtggtaccct acctcgacat agtaggacaa ggagcaccgg acagcaaccg gtgtccactc 1560
229 cgacatccag atgaccagc ctccatcctc actgtctgca tctgtaggag tgtcgttggc 1620
230 cacaggtgag gctgtaggtc tactgggtca gaggtaggag tgacagacgt agacatcctc 1680
231 acagagtcac catcacttgt cgggcgagtc agggattag cagggtggtta gcctgggtatc 1740
232 agcagaaacc tgtctcagtg gtagtgaaca gcccgctcag tcccataatc gtccaccaat 1800
233 cggaccatag tcgtcttttg agagaaagcc cctaagtccc tgatctatgc tgcacccagt 1860
234 ttgcaaagtg gggccccatc aagggttcagc tctctttcgg ggattcaggg actagatacg 1920
235 acgtaggtca aacgtttcac ccagggttag ttccaagtcg ggcagtggtat ctgggacaga 1980
236 tttcactctc accatcagcg gcctgcagcc tgaagatttt gcaacttatt ccgtcaccta 2040
237 gaccctgtct aaagtgaag tggtagtcgc cggacgtcgg acttctaaaa cgttgaataa 2100
238 actgccaaca gtataatagt taccctcgga cgttcgcca agggaccaag gtggaaatca 2160
239 aacgtacggg tgacggttgt catattatca atgggagcct gcaagccggg tccctgggtc 2220

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RAW SEQUENCE LISTING

DATE: 11/29/2006

PATENT APPLICATION: US/10/035,637A

TIME: 17:16:43

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11292006\J035637A.raw

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240 caccttttagt ttgcatgccca ggcggcgccca tctgtcttca tcttcccgcg atctgatgag 2280
241 cagttgaaat ctggaactgc ctctgttggt ccgcccgcgt agacagaagt agaagggcg 2340
242 tagactactc gtcaacttta gaccttgacg gagacaacac tgctgtgta ataacttcta 2400
243 tcccagagag gccaaagtac agtggaaggt ggataacgcc ctccaatcgg acggacgact 2460
244 tattgaagat aggggtctctc cggtttcatg tcaccttcca cctattgcgg gaggttagcc 2520
245 gtaactccca ggagagtgtc acagagcagg acagcaagga cagcacctac agcctcagca 2580
246 gcaccctgac cattgagggg cctctcacag tgtctcggtc tgcgttcct gtcgtggatg 2640
247 tcggagtcgt cgtgggactg gctgagcaaa gcagactacg agaaacacaa agtctacgcc 2700
248 tgcaagtcga cccatcaggg cctgagctcg cgactcggtt cgtctgatgc tctttgtgtt 2760
249 tcagatgcgg acgcttcagt gggtagtccc ggactcgagc cccgtcacaag agagcttcaa 2820
250 caggggagag tgtaggggat ccactagtcc agtggtgtgg aattctgcag gggcagtggt 2880
251 tctcgaagtt gtccctctc acaatcccta ggtgatcagg tcacaccacc ttaagacgtc 2940
252 atatccagca cagtggcggc cggccgctcg actattctat agtgtcacct aaatgctaga 3000
253 gctcgctgat tataggtcgt gtcaccgccc gccggcgagc tgataagata tcacagtga 3060
254 ttacgatctc cgagcgacta cagcctcgac tgtgccttct agttgccagc catctgttgt 3120
255 ttgcccctcc cccgtgcctt ccttgacctg gtcggagctg acacggaaga tcaacggtcg 3180
256 gtagacaaca aacggggagg gggcacggaa ggaactggga ggaaggtgcc actcccactg 3240
257 tcctttccta ataaaatgag gaaattgcat cgcattgtct gagtaggtgt ccttccacgg 3300
258 tgagggtgac aggaaaggat tattttactc cttaacgta gcgtaacaga ctcatccaca 3360
259 cattctattc tgggggggtg ggtggggcag gacagcaagg gggaggattg ggaagacaat 3420
260 agcaggcatg gtaagataag acccccacc ccaccgcgtc ctgctgttcc ccctcctaac 3480
261 ccttctgtta tcgtccgtac ctggggatgc ggtgggctct atggcttctg aggcggaaaag 3540
262 aaccagctgg ggctctaggg ggtatcccca gaccctacg ccacccgaga taccgaagac 3600
263 tccgcctttc ttgggtcgacc ccgagatccc ccataggggt cgcgccctgt agcggcgcat 3660
264 taagcgcggc ggggtgtggtg gttacgcgca gcgtgaccgc tacacttgcc gcgcgggaca 3720
265 tcgcccgtga attcgcgcgc cccacaccac caatgcgcgt cgcactggcg atgtgaacgg 3780
266 agcgccttag cgcccgtctc ttctcgctttc ttcccttctt ttctcgccac gttcgccggc 3840
267 tttcccgtc tcgcgggatc gcgggcgagg aaagcgaaaag aagggaagga aagagcgggtg 3900
268 caagcggccg aaaggggcag aagctctaaa tcgggggctc cctttagggt tccgatttag 3960
269 tgctttacgg cacctcgacc ccaaaaaact ttcgagattt agccccgag ggaaatccca 4020
270 aggctaatac acgaaatgcc gtggagctgg ggtttttga tgattagggt gatggttcac 4080
271 gtagtggggc atcgccctga tagacgggtt ttgcctttt gacgttgagg actaatccca 4140
272 ctaccaagtg catcacccgg tagcgggact atctgcaaaa aagcgggaaa ctgcaacctc 4200
273 tccacgttct ttaatagtgg actctgttcc caaactggaa caacactcaa ccctatctcg 4260
274 gtctattctt aggtgcaaga aattatcacc tgagaacaag gtttgacctt gttgtgagtt 4320
275 gggatagagc cagataagaa ttgatttata agggattttg ccgatttcgg cctattgggt 4380
276 aaaaaatgag ctgatttaac aaaaatttaa aactaaatat tccctaaaac ggctaaagcc 4440
277 ggataacca ttttttactc gactaaattg tttttaatt cgcaattaa ttctgtggaa 4500
278 tgtgtgtcag ttaggggtgt gaaagtcccc aggtccccca gcaggcagaa gcgcttaatt 4560
279 aagacacctt acacacagtc aatcccacac ctttcagggg tccgaggggt cgtccgtctt 4620
280 gtatgcaaag catgcatctc aattagtcag caaccagggt tggaaagtcc ccaggctccc 4680
281 cagcaggcag catacgtttc gtacgtagag ttaatcagtc gttgggtccac acctttcagg 4740
282 ggtccgaggg gtcgtccgtc aagtatgcaa agcatgcac tcaattagtc agcaaccata 4800
283 gtcccgcgcc taactccgcc catcccgcctc ttcatagctc tcgtacgtag agttaatcag 4860
284 tcgttggtat cagggcgggg attgaggcgg gtagggcggg ctaactccgc ccagttccgc 4920
285 ccattctccg ccccatggct gactaatttt ttttatttat gcagaggccg gattgaggcg 4980
286 ggtcaaggcg ggtaagaggc ggggtaccga ctgattaaaa aaaataaata cgtctccggc 5040
287 aggcgcctc tgccctctgag ctattccaga agtagtgagg aggtttttt ggaggcctag 5100
288 gcttttgcaa tccggcgagg acggagactc gataaggtct tcatcactcc tccgaaaaaa 5160

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/035,637A

DATE: 11/29/2006
TIME: 17:16:44

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\11292006\J035637A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 3,4,9,10,13

VERIFICATION SUMMARY

DATE: 11/29/2006

PATENT APPLICATION: US/10/035,637A

TIME: 17:16:44

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11292006\J035637A.raw

L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

**Raw Sequence Listing before editing
(for reference only)**



IFW16

RAW SEQUENCE LISTING

DATE: 11/29/2006

PATENT APPLICATION: US/10/035,637A

TIME: 14:25:00

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\11292006\J035637A.raw

3 <110> APPLICANT: Deo, Yashwant M.
 4 Keler, Tibor
 5 Trembl, John
 6 Endres, Michael
 8 <120> TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO DENDRITIC
 9 CELLS
 11 <130> FILE REFERENCE: MXI-166CPRCE
 13 <140> CURRENT APPLICATION NUMBER: 10/035,637A
 14 <141> CURRENT FILING DATE: 2001-11-07
 16 <150> PRIOR APPLICATION NUMBER: 09/851,614
 17 <151> PRIOR FILING DATE: 2001-03-08
 19 <150> PRIOR APPLICATION NUMBER: USSN 60/203,126
 20 <151> PRIOR FILING DATE: 2000-05-08
 22 <150> PRIOR APPLICATION NUMBER: USSN 60/230,739
 23 <151> PRIOR FILING DATE: 2000-09-07
 25 <160> NUMBER OF SEQ ID NOS: 9
 27 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

645 <210> SEQ ID NO: 9
 646 <211> LENGTH: 202
 647 <212> TYPE: PRT
 648 <213> ORGANISM: Homo sapiens
 650 <400> SEQUENCE: 9
 651 Met Pro Ile Gly Val Leu Val Pro Tyr Cys Val Glu Arg Thr Cys Glu
 652 1 5 10 15
 653 Gln Lys Ala Ser Lys Arg Pro Gly Thr Val Lys Arg Pro Arg Cys Trp
 654 20 25 30
 655 Arg Phe Pro Phe Leu Tyr Thr Arg Phe Pro Val Val Phe Arg Ser Leu
 656 35 40 45
 657 Ala Phe Phe Arg Arg Asn Asp Arg Lys Ile His Arg Leu Arg Pro Pro
 658 50 55 60
 659 Asp Glu His His Lys Asn Arg Arg Ser Ser Gln Arg Trp Arg Asn Pro
 660 65 70 75 80
 661 Thr Gly Ile Arg Gly Gly Gly Thr Ala Arg Ser Val Phe Ser Cys Glu
 662 85 90 95
 663 Phe Ser Leu His Arg Phe Gly Leu Arg Thr Ile Lys Ile Pro Gly Val
 664 100 105 110
 665 Ser Pro Trp Lys Leu Pro Arg Ala Leu Ser Cys Ser Asp Pro Ala Val
 666 115 120 125
 667 Leu Ile Phe Leu Trp Ser Ala Lys Gly Asp Leu Arg Gly Ser Thr Arg

see p.2

RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/035,637A

TIME: 14:25:00

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\11292006\J035637A.raw

```
668      130      135      140
669 Glu Asp Lys Ala Gly Thr Ala Leu Pro Asp Thr Cys Pro Pro Phe Ser
670 145      150      155      160
671 Leu Arg Glu Ala Trp Arg Phe Leu Ile Ala His Ala Val Gly Glu Trp
672      165      170      175
673 Pro Met Asp Arg Arg Lys Glu Gly Ser Pro Ser His Arg Glu Arg Val
674      180      185      190
675 Ser Ser Ala Thr Ser Asn Leu Ser Ser Val
676      195      200
E--> 677 MXI-166CPRCE
E--> 679 -8-
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VERIFICATION SUMMARY

DATE: 11/29/2006

PATENT APPLICATION: US/10/035,637A

TIME: 14:25:01

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\11292006\J035637A.raw

L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:677 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:677 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:679 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
L:679 M:252 E: No. of Seq. differs, <211> LENGTH:Input:202 Found:203 SEQ:9